

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

IN THE MATTER OF:

ISP Lima LLC
1220 South Metcalf Street
Lima, Ohio 45804

ATTENTION:

Duy Pham
Environmental Manager

Request to Provide Information Pursuant to the Clean Air Act

The U.S. Environmental Protection Agency is requiring ISP Lima LLC, (ISP or you) to submit certain information about your facility at 1220 South Metcalf Street in Lima, Ohio.

Appendix B specifies the information that you must submit. You must send this information to us according to the schedule in Appendix B.

We are issuing this information request under Section 114(a) of the Clean Air Act (the Act), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

ISP owns and operates an emission source at your Lima, Ohio facility. We are requesting this information to determine whether your emission source is complying with the Act.

You must send all required information to:

Attn: Compliance Tracker, AE-17J
Air Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604

Under 40 C.F.R. Part 2, Subpart B, you may assert a claim of business confidentiality for any portion of the submitted information. You must specify the page, paragraph, and sentence when identifying the information subject to your claim. Appendix A specifies the assertion and substantiation requirements for business confidentiality claims. ISP must submit all requested information under an authorized signature with the following certification:

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Act, and 18 U.S.C. §§ 1001 and 1341.


We may use any information submitted in response to this request in an administrative, civil, or criminal action.

This request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 et seq., because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation. To aid in our electronic record keeping efforts, please provide your response to this request for information without staples. Paper clips, binder clips, and 3-ring binders are acceptable.

Failure to comply fully with this request for information may subject ISP to an enforcement action under Section 113 of the Act, 42 U.S.C. § 7413.

You should direct any questions about this request for information to Brian Dickens at (312) 886-6073.

5/20/09
Date


Cheryl L. Newton
Director
Air and Radiation Division

Appendix A

Confidential Business Information (CBI) Assertion and Substantiation Requirements

A. Assertion Requirements

You may assert a business confidentiality claim covering all or part of the information requested in the attached letter, as provided in 40 C.F.R. § 2.203(b). To make a confidentiality claim, submit the requested information and indicate that you are making a claim of confidentiality. Any document over which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a legend to indicate the intent to claim confidentiality. The stamped or typed legend, or other suitable form of notice, should employ language such as “trade secret” or “proprietary” or “company confidential” and indicate a date if any when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by the U.S. Environmental Protection Agency only to the extent permitted and by means of the procedures set forth by Section 114(c) of the Clean Air Act (the Act), 42 U.S.C. § 7414, and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise nonconfidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the attached letter as a waiver of that claim, and the information may be made available to the public without further notice to you.

Please segregate personnel, medical and similar files from your responses and include that information on separate sheet(s) marked as “Personal Privacy Information” given that disclosure of such information to the general public may constitute an invasion of privacy.

B. Substantiation Requirements

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. §2.208 which provides in part that you satisfactorily show that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so; and that the information is not and has not been reasonably obtainable by legitimate means without your consent.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking you to substantiate fully your CBI claim. If you receive such a letter, you must provide EPA with a response within the number of days set forth in the EPA request letter. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential. **You must be specific by page, paragraph, and sentence when identifying the information subject to your claim.** Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you

identify as being subject to CBI, you must answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a specified event, or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question #1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available material such as the Internet, publicly available databases, promotional publications, annual reports, or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?
5. Has any governmental body made a determination as to the confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as substantial, and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?
7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Any other issue you deem relevant.

Please note that emission data provided under Section 114 of the Act, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2. "Emission data" means, with

reference to any source of emission of any substance into the air-

Information necessary to determine the identity, amount, frequency, concentration, or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

Information necessary to determine the identity, amount, frequency, concentration, or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including, to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. §§ 2.301(a)(2)(i)(A), (B) and (C).

Emission data includes, but is not limited to, service records stating the amount of refrigerant added to a unit or reclaimed from a unit.

If you receive a request for a substantiation letter from the EPA, you bear the burden of substantiating your confidentiality claim. Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by, and by means of the procedures set forth in, 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

Appendix B

ISP shall submit the following information relating to its facility located in Lima, Ohio according to the schedule below:

1. Within 45 days of receipt of this request, ISP must conduct a test to determine the mass flow rate of combustible and noncombustible material (lb/hr), and net heating value (BTU/scf) of the gases and vapors being combusted at the P801 flare. The test shall be conducted as follows:
 - a. Provide the mass flow rates and heating value for a period of seven consecutive days while the facility is expected to be operating normally;
 - b. Provide the data as one-hour averages (provide 24, one-hour averages for each of the seven days);
 - c. Provide a list and an approximate concentration for all primary constituents in the vent stream to the flare for each hour. (ISP need not determine the exact concentration of all compounds for each hour, it must only state the most prominent ones and an approximate concentration);
 - c. For the period of time that mass flow rate and heating value are being measured, provide the hourly average mass flow rate of steam (lb/hr) supplied at all locations on the flare (i.e. the sum of the seal, upper, lower, winterizing, etc.).
2. Within 20 days of the receipt of this request, submit a notification of intent to test, including the scheduled testing date, and proposed testing protocol that describes the methods and procedures for testing to EPA. EPA will review the proposed testing protocol within 10 days of receipt of the protocol: approve the protocol, disapprove the protocol, or approve the protocol with required revisions. If EPA does not disapprove the protocol, or approve the protocol with required revisions, within 10 days of receipt of the protocol, the protocol shall be deemed approved. At a minimum, the protocol shall contain the following:
 - a. The methods/procedures (i.e. EPA methods and/or type of equipment) to be used for both sample collection and analysis;
 - b. ISP may use EPA Method 18 for organic compounds and ASTM D1946 for other compounds;
 - c. A narrative explanation and example calculations describing how ISP will measure the steam addition rate at all points on the flare;
 - d. The calibration procedures to be performed for any analytical equipment used;
 - e. Any additional procedures used to mathematically correct test results into the final report.

3. Within 30 days after completion of the performance test, submit a report of the results. At a minimum, the test report shall include the following:

- a. Summary of Results

1. Results of the above testing;
 2. For each of the hourly averages during which the data was collected, the mass of combustible compounds, mass of noncombustible compounds, vent gas speciation, net heating value, and the steam-to-vent gas ratio (lb steam/lb combustible plus noncombustible compounds) during each hour, preferably in Excel or similar format;
 3. List of all operating equipment that were venting vapors to the flare at the time of the test;
 4. The flow of natural gas to the flare's pilots;
 5. Discussion of test errors, both real and apparent;
 6. Discussion of operating conditions, including the effect these conditions would have to increase or decrease flow to the flare outside of normal operation.

- b. Facility Operations

1. Description of the process and control equipment;
 2. Process and control equipment flow diagrams;

- c. Sampling and Analytical Procedures

1. Sampling locations(s) and dimensions of cross-section;
 2. Sampling point description;
 3. Brief description of sampling procedures, including equipment and diagram;
 4. Description of sampling procedures (planned and accidental) that deviated from any standard method;
 5. Brief description of analytical procedures, including calibration;
 6. Description of analytical procedures (planned and accidental) that deviated from any standard method;
 7. Description of any QA/QC procedures performed and the results.

- d. Appendix

1. Complete results with example calculations;
 2. Raw field data;
 3. Laboratory report, with signed chain-of-custody forms;
 4. Calibration procedures and results;
 5. Raw process and control equipment data.

Please provide your responses to paragraphs 4 through 7, below, within 30 days of the date you receive this request.

4. For flare P801 beginning on January 1, 2005, until the date of your receipt of this request, list the periods of time (date, start time, and end time) that ISP released organic material to the flare in such an amount that the event led to a notification to any Federal, state, or local agency of the release. Provide copies of any written correspondence regarding these releases, e.g. follow-up malfunction reports, Title V deviation reports.
5. For each day during the period of time from January 1, 2007, to the date of receipt of this request, provide the average mass flow rate (lb/hr) of gas added to the P801 flare header as sweep or purge gas. If the rate is different under different operating conditions, state the conditions under which it changes, why it changes, and the mass flow rate under each condition.
6. For each day during the period of time from January 1, 2007, to the date of receipt of this request, provide the average mass flow rate (lb/hr) of steam added to flare P801 at all locations (i.e. the sum of the center, ring, winterizing, etc.). If the rate is different under different operating conditions, state the conditions under which it changes, why it changes, and the mass flow rate under each condition.
7. Provide copies of any and all documents in ISP's possession that prescribe or recommend the amount of steam to be added to the flare. In other words, provide a copy of the entire document if within the document it states the maximum steam rate, minimum steam rate, steam addition rate associated with an organic material vent scenario, general steam-to-vent gas ratio, or any other reference to steam addition.
8. For flare P801, state whether the flare is configured to receive gases/vapors from a pressure relief device, which is a safety device used to prevent operating pressures from exceeding the maximum allowable working pressure of the process equipment. Also state whether the flare and its associated closed vent system is used as the method of compliance with any Federal leak detection and repair (LDAR) provision, including but not limited to 40 C.F.R. § 60.482-4(c), or 40 C.F.R. § 63.165(c).

CERTIFICATE OF MAILING

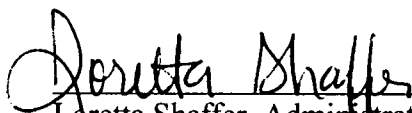
I, Loretta Shaffer, certify that I sent a Request to Provide Information Pursuant to the Clean Air Act by Certified Mail, Return Receipt Requested, to:

Duy Pham, Environmental Manager
ISP Lima LLC
1220 South Metcalf Street
Lima, Ohio 45804

I also certify that I sent a copy of the Request to Provide Information Pursuant to the Clean Air Act by First Class Mail to:

Robert Hodanbosi, Chief
Division of Air Pollution Control
Ohio Environmental Protection Agency
Lazarus Government Center
P.O. 1049
Columbus, Ohio 43216

on the 21 day of May 2009.


Loretta Shaffer, Administrative Assistant
AECAS([MN/OH])

Certified Mail Receipt Number: 7001 0320 0006 0186 0224